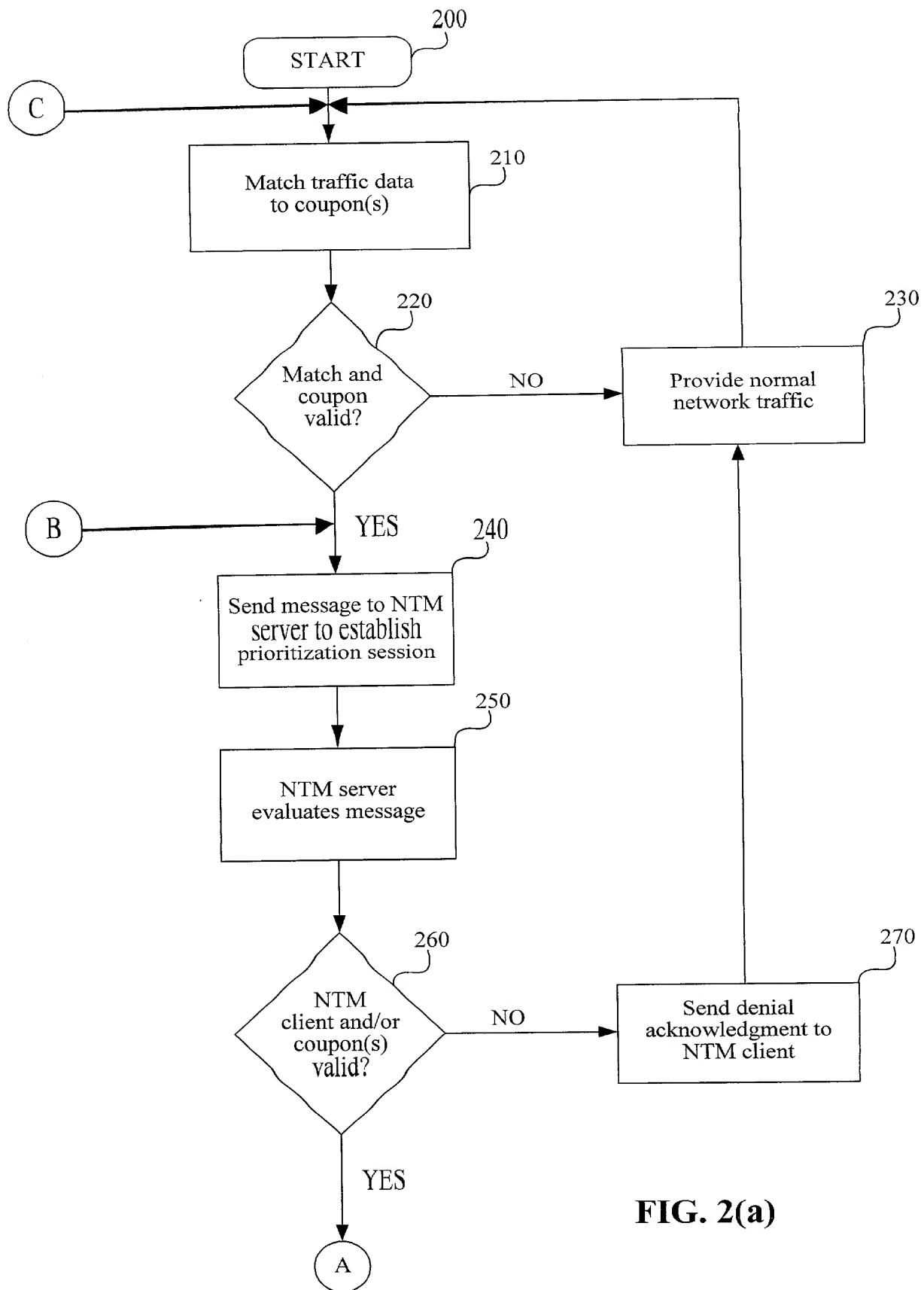


**FIG. 1**



**FIG. 2(a)**

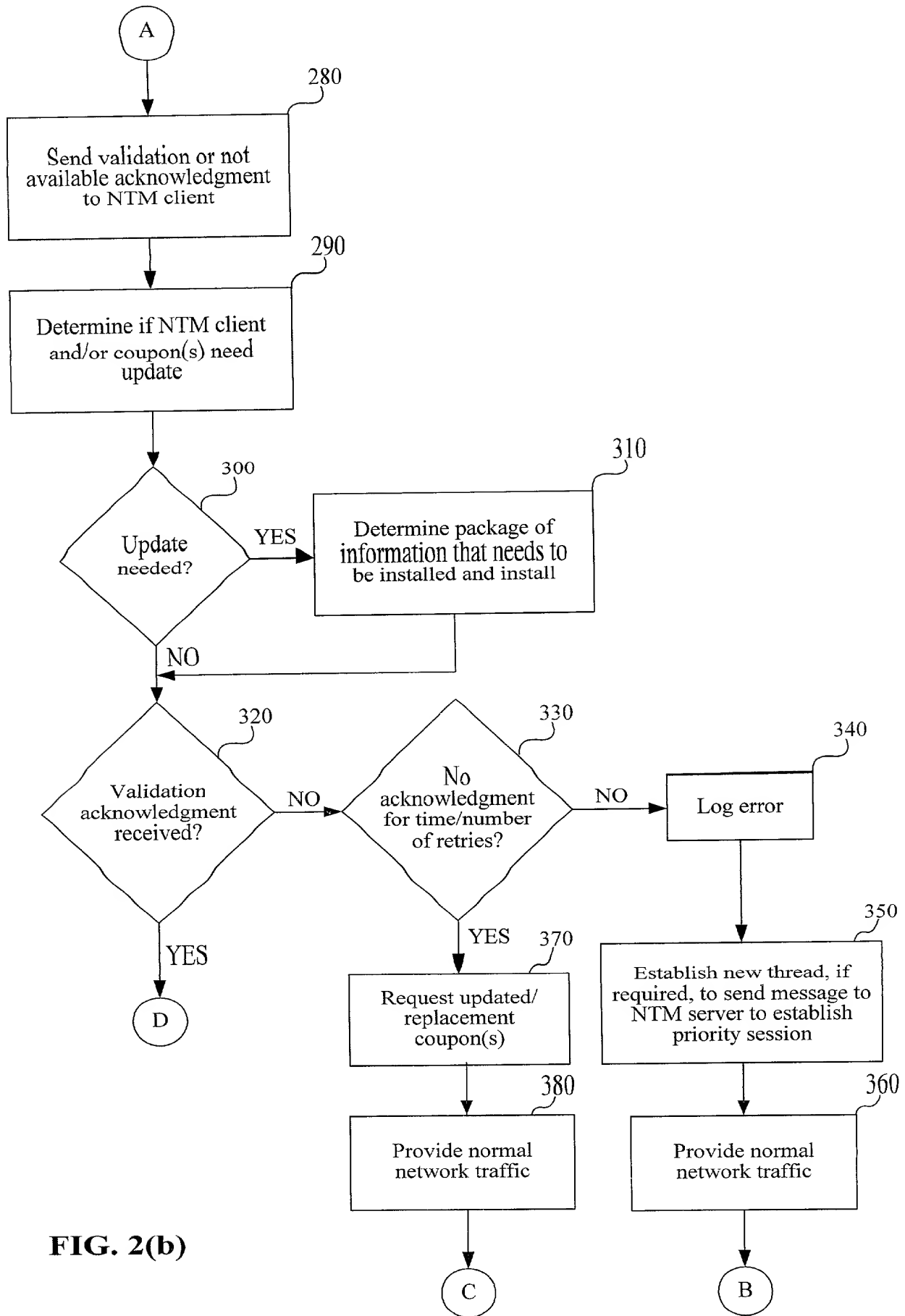
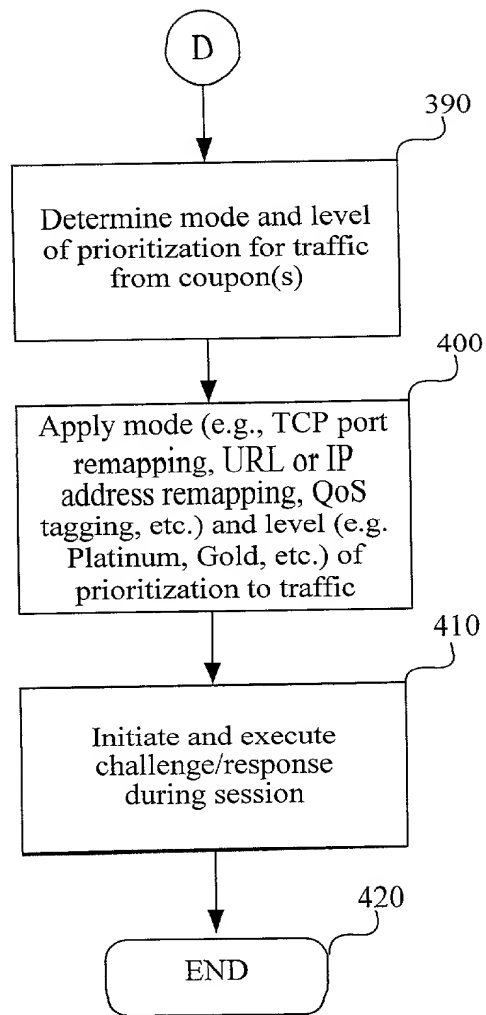


FIG. 2(b)



**FIG. 2(c)**

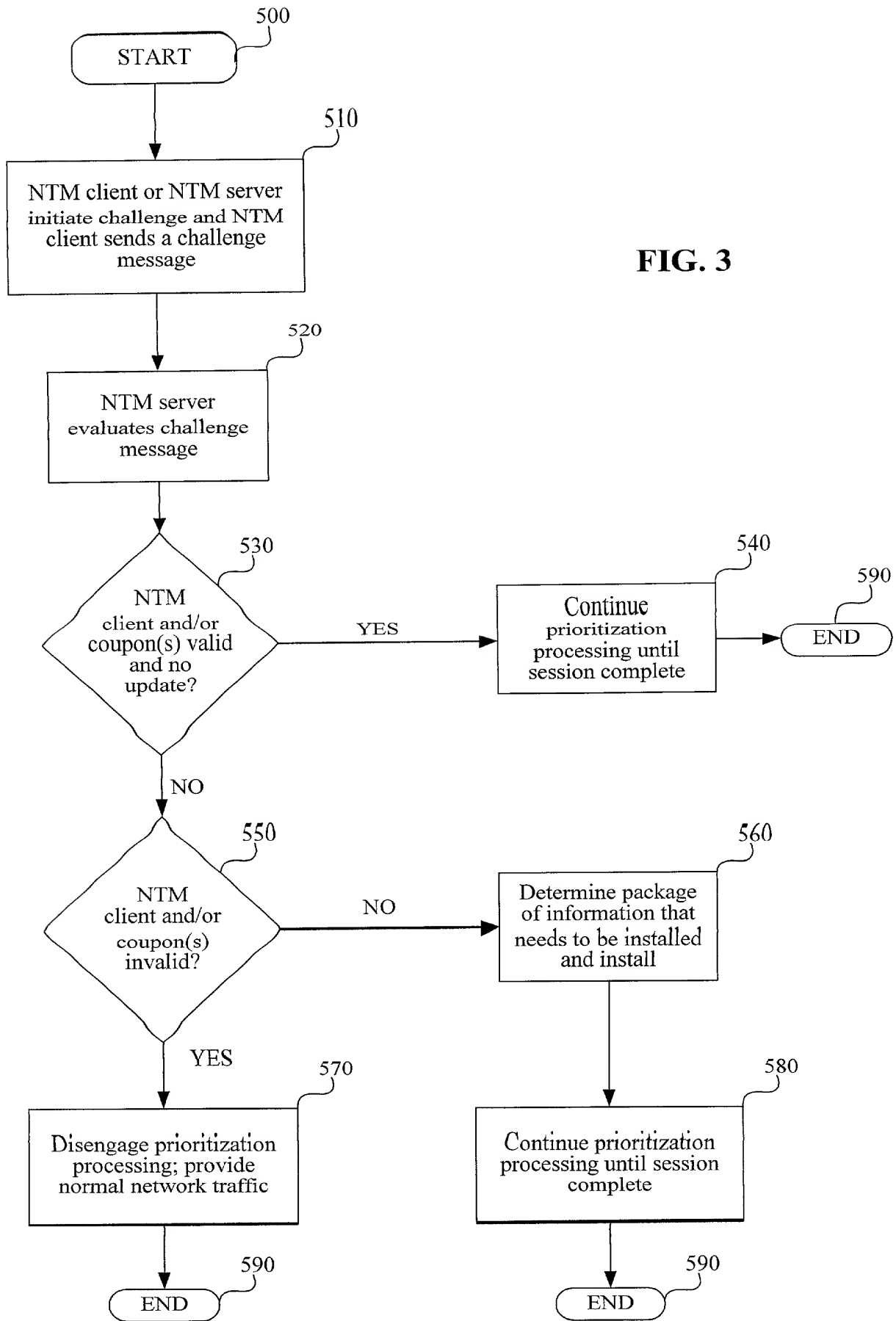
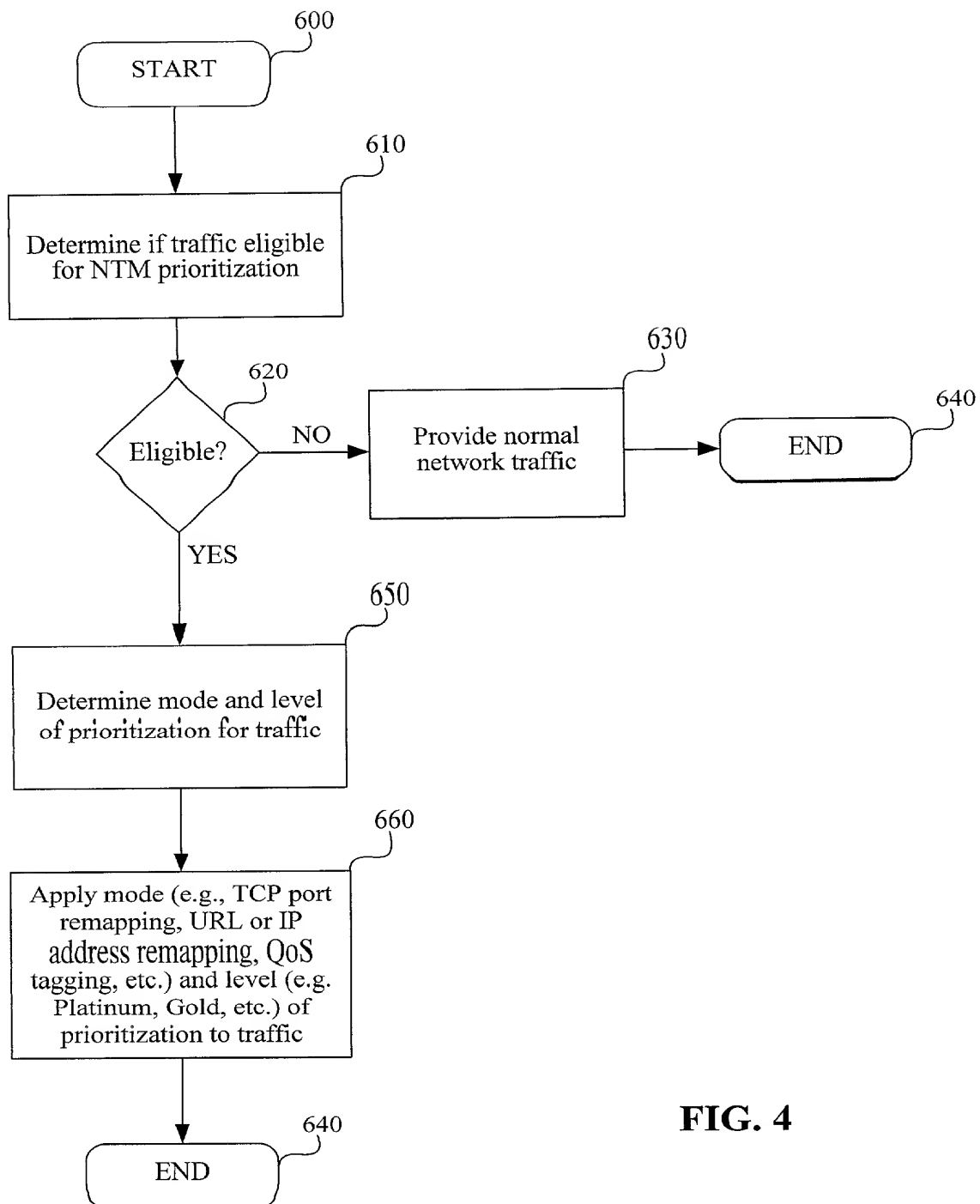


FIG. 3



**FIG. 4**

# NTM Client

In-Line Communications Processing      Out-of-line Processing

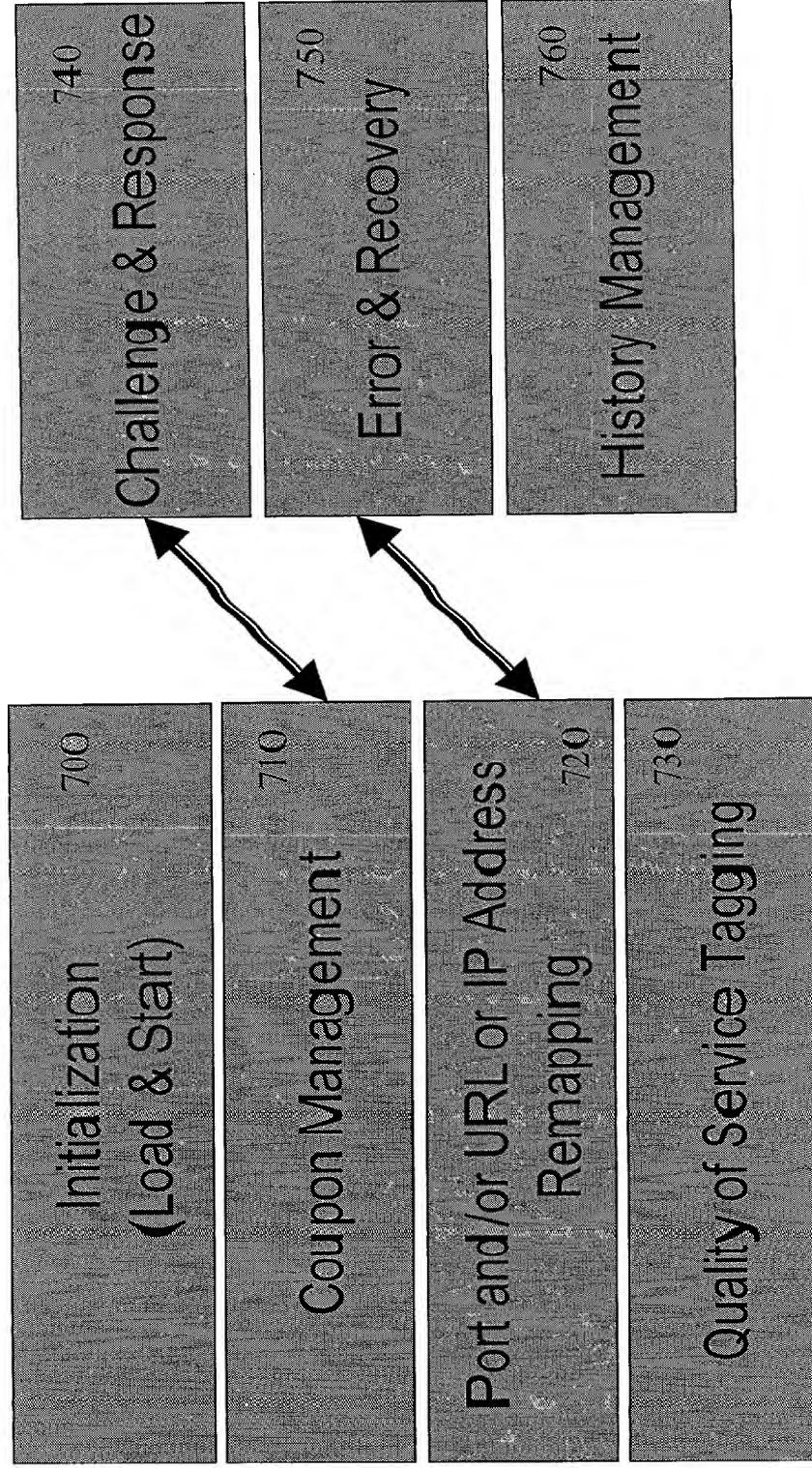
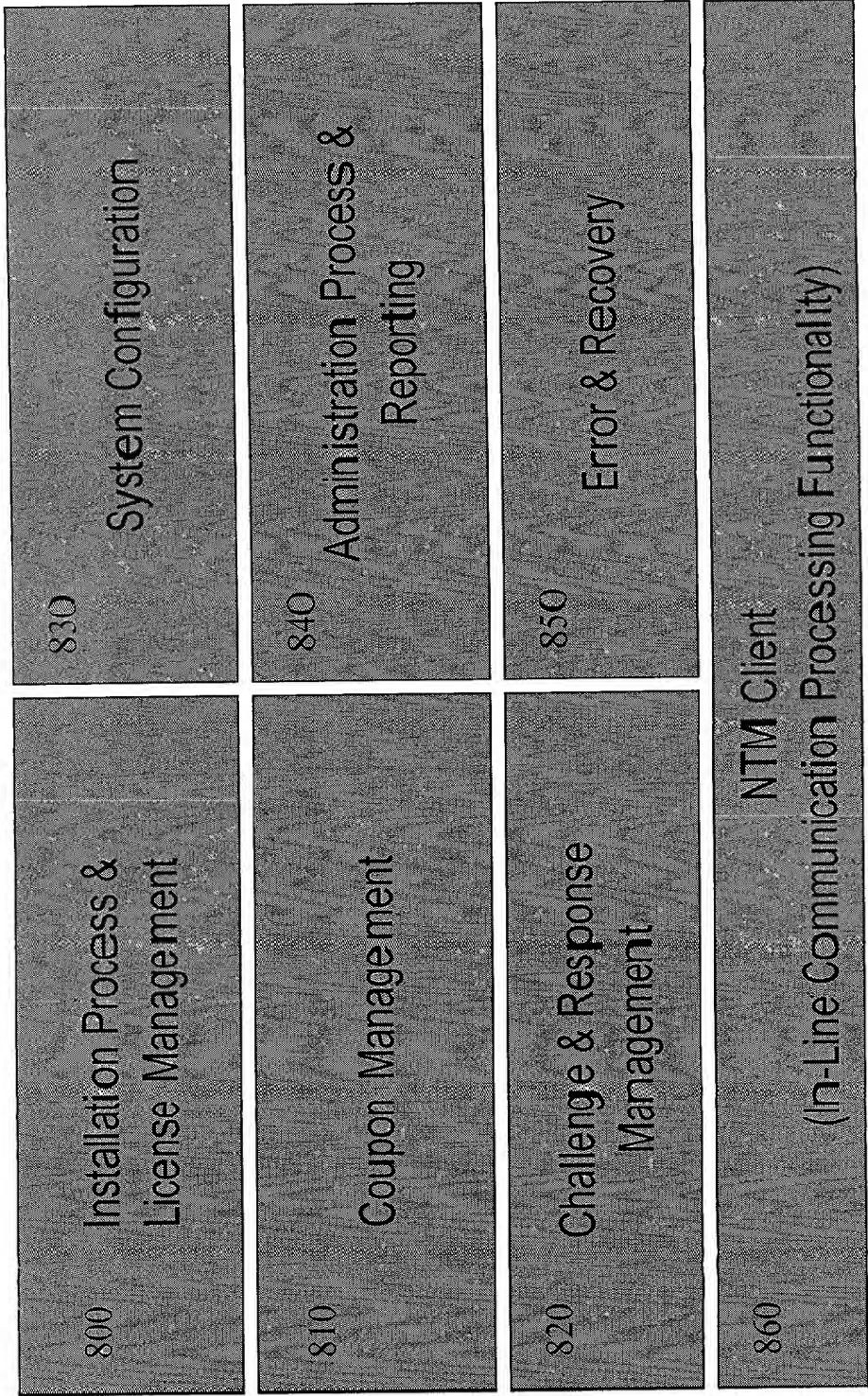


FIG. 5

# NTM Server

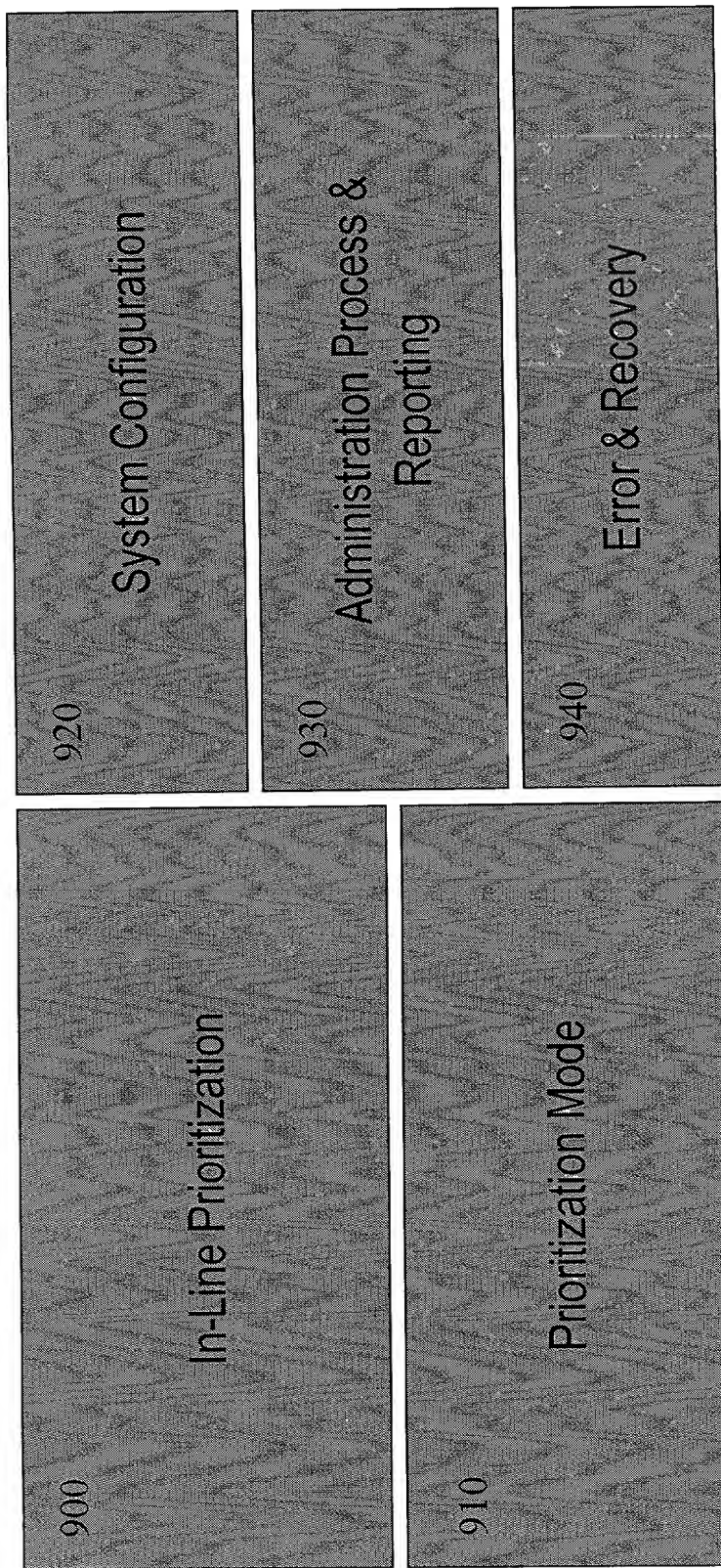


**In-Line Communications Processing**      **Out-of-Line Processing**

**FIG. 6**



# NTM Server



**In-Line Communications Processing**      **Out-of-Line Processing**

**FIG. 7**